HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION

FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS
**INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY**

P.N. 0788-P/239022
16 October 2026

# One (1) MSc Student Position

[Ref # PAR-0933]

The research group of Fungal Immunology at the IMBB, under the La Caixa Grant entitled "Harnessing a novel Albumin-Regulated Metabolic defense pathway to improve Outcome of Mucormycosis", and Program Coordinator Prof. George Chamilos, invites applications for one motivated Research Technician to assist with the mechanism on the role of specialized immunometabolic pathways in antifungal host defense of human macrophages.

**About the lab**
The lab is interested in identifying novel mechanisms regulating host-fungal immunometabolic interplay in phagocytes and the role of lipid signaling in activation of the LAP pathway.

**About the project:** The central role of host lipids both as signaling molecules and as antifungal effectors will be characterized with the use of transgenic mice with conditional inactivation of cPLA2 phospholipase and using biochemistry and advanced live imaging techniques.

**Position Description:**
A highly motivated Master student will investigate phagosome biogenesis and LAP in cPLA2 KO macrophages and characterize functional responses following infection with filamentous fungi.

**Required qualifications:**

- BSc degree in life sciences, biological sciences, or materials science
- Currently enrolled in a MSc Program in a relevant field
- Excellent oral and written skills in English language
- More than 1 year experience in molecular biology, biochemistry, and cellular biology assays on autophagy
- Proven experience in functional assays with fungal infection on macrophages from transgenic mice

**Desired qualifications:**

- Experience in advanced imaging techniques

| | **Evaluation criteria** | **Maximum score** |
|---|---|---|
| 1. | BSc degree in life sciences, biological sciences, or materials science (grade * 2 points) | 20 |
| 2. | Enrolled in a MSc Program in a relevant field | YES/NO |
| 3. | Excellent oral and written skills in English Language | YES/NO |
| 4. | More than 1 year experience in molecular biology, biochemistry, and cellular biology assays in phagocytes (10 points for the criterion and 10 for each additional year) | 30 |
| 5. | Proven experience in animal work in transgenic mice (10 points for one year experience and 10 additional points for each year) | 30 |
| 6. | Experience in advanced imaging techniques (any proven experience = 10, else = 0) | 20 |
| **Total score** | | **100** |

Nikolaou Plastira 100
Vassilika Vouton
GR 700 13 Heraklion
Crete, Greece
Tel. +30 2810391700

Email: imbb@imbb.forth.gr

**Contract Duration:** 6 months with the possibility of extension according to the project needs
**Total budget:** ~ 700 euro € monthly Scholarship and in accordance to the project's budget limits
**Envisaged starting date:** 01/12/2026
**Application submission**: Interested applicants should submit their application electronically by **October 26, 2026 @ 13:00 (Greece time)**

**The application should consist of:**
1. Application Form (see below)
2. CV
3. Brief statement of purpose
4. The names and contact details of two referees
5. Scanned copies of academic titles
6. Scanned copies proving all the qualifications
7. Enrollment Certificate in a MSc Program

**Submission of applications:** par0933@imbb.forth.gr

**Evaluation procedure**

Applications will be evaluated by a three-member evaluation committee. In case of interview procedure, applicants will be invited to participate in person or teleconference.

In case of titles and qualifications awarded by foreign Higher Education Institutions, the provisions of the Law 55/2023 (article 36) and 4957/2022 (article 304) are implemented.

The results of the selection will be announced on the website of IMBB-FORTH. Applicants have the right to appeal the selection decision, by addressing their written objection to the IMBB secretariat within five days since the results announcement on the web. Objections are submitted in one of the following ways: in person, by an authorized person, by post, by courier. They also have the right to access (a) the files of the applicants as well as (b) the table of applicants' scores (ranking of applicants results). All the above information related to the selection procedure will be available at the secretariat of IMBB-FORTH in line with the Hellenic Data Protection Authority. Access to personal data of co- applicants shall be limited to personal data (and relevant data) and supporting documents which have been the basis of the evaluation of the applicants for the specific post(s). Prior to the announcement of the personal data and/or documents of the co- applicants to the applicant, FORTH will inform the data subjects in an appropriate way.

The selected applicants will be notified personally regarding the success of his/her application and will be requested to submit certified copies of his/her degrees. If the submitted documents do not agree with the original application, the applicant will be dismissed.

Throughout the duration of the project, and if there is a need to replace persons selected in accordance with this Call, the replacement will be carried out by selecting - based on score/point allocation - another candidate(s) from the compiled ranking list.

In the event that for any reason the funding provided for the project is interrupted, FORTH-IMBB reserves the right to interrupt the execution of the contract with a special declaration of interruption and without compensation.

FORTH-IMBB does not undertake any commitment to conclude a contract and is entitled to cancel or repeat the procedure without obligation to pay any compensation, excluding any relevant claim by the candidates.

Participation in this call for expressions of interest implies full acceptance of the terms of this.

**GDPR Disclaimer**

FORTH is compliant with all legal procedures for the processing of personal data as defined by the Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data. FORTH processes the personal data and relevant supporting documents that applicants have submitted. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law.

FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law. Under the Regulation EU/2016/679, applicants have the rights to be informed about their personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws. Applicants have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of personal data protection rights, applicants may contact the Data Protection Officer at FORTH at dpo@admin.forth.gr.

Applicants have the right to withdraw your application and consent for the processing of personal data at any time. In this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.

**APPLICATION FORM**

Name: _____
Surname: _____
Date of birth *(dd/mm/yy)*: _____
Address: _____
Telephone number: _____
Email address: _____

TO

**FOUNDATION OF RESEARCH AND TECHNOLOGY (FORTH)**
**INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY**

Hereby I submit my application for the position:
In the framework of the project: _____

Position code [Ref #] _____

Submitted with this application:

1. _____
2. _____
3. _____
4. _____
5. _____

I certify that:

A) I accept the terms and conditions of the job announcement
B) I possess all the necessary certificates and documents and I can present them in their original form to the committee without any delay if I am asked to do so
C) I am able to complete the project within the foreseen time -frame
D) all the information given in the framework of this application are accurate and true.

Date: _____

Applicant name

_____
(signature)